

# Watercraft Inspections

*A Local and Regional Perspective*

Erik Hanson

# Watercraft Inspections

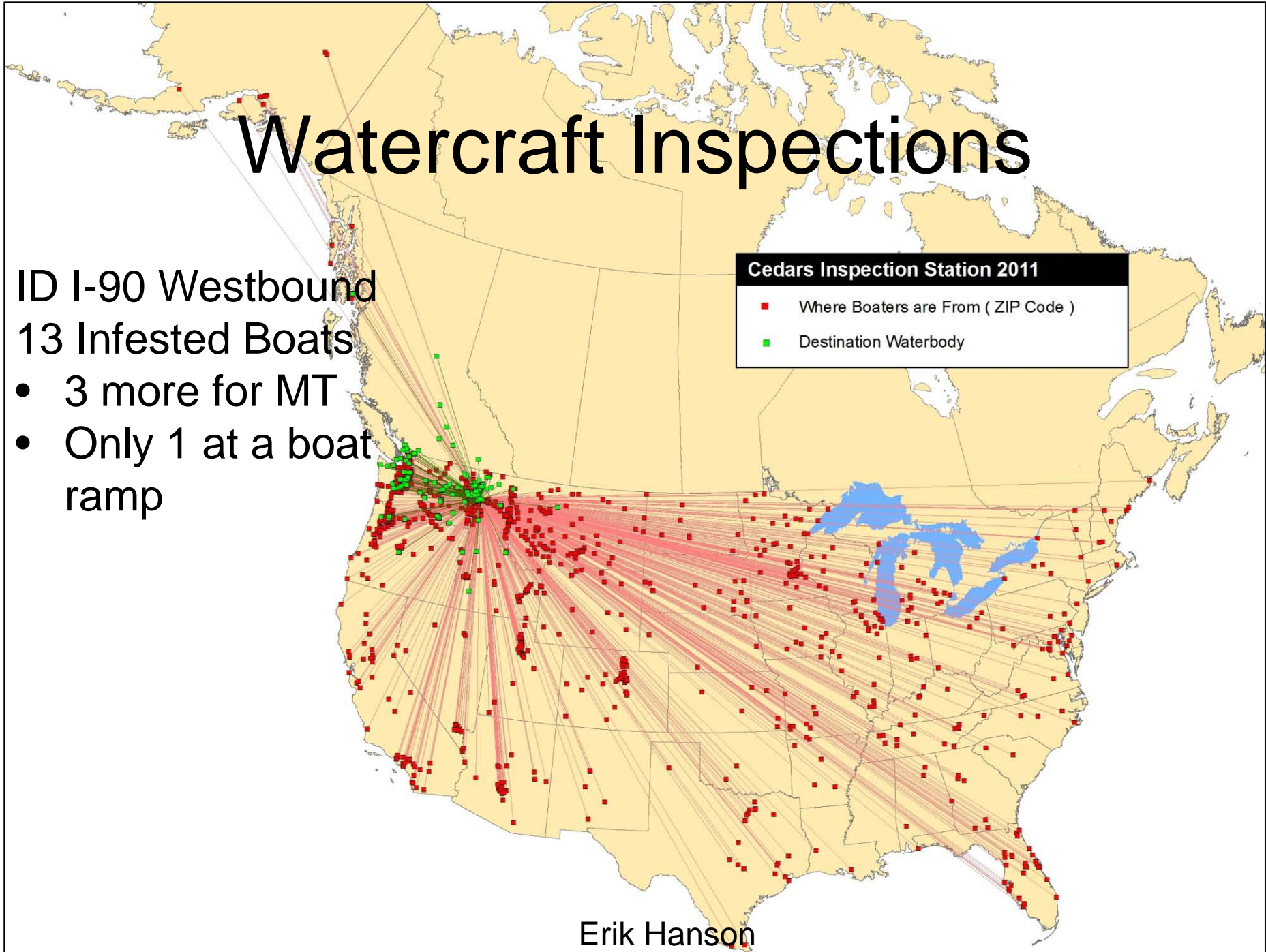
ID I-90 Westbound  
13 Infested Boats

- 3 more for MT
- Only 1 at a boat ramp

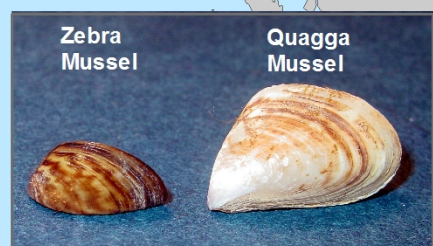
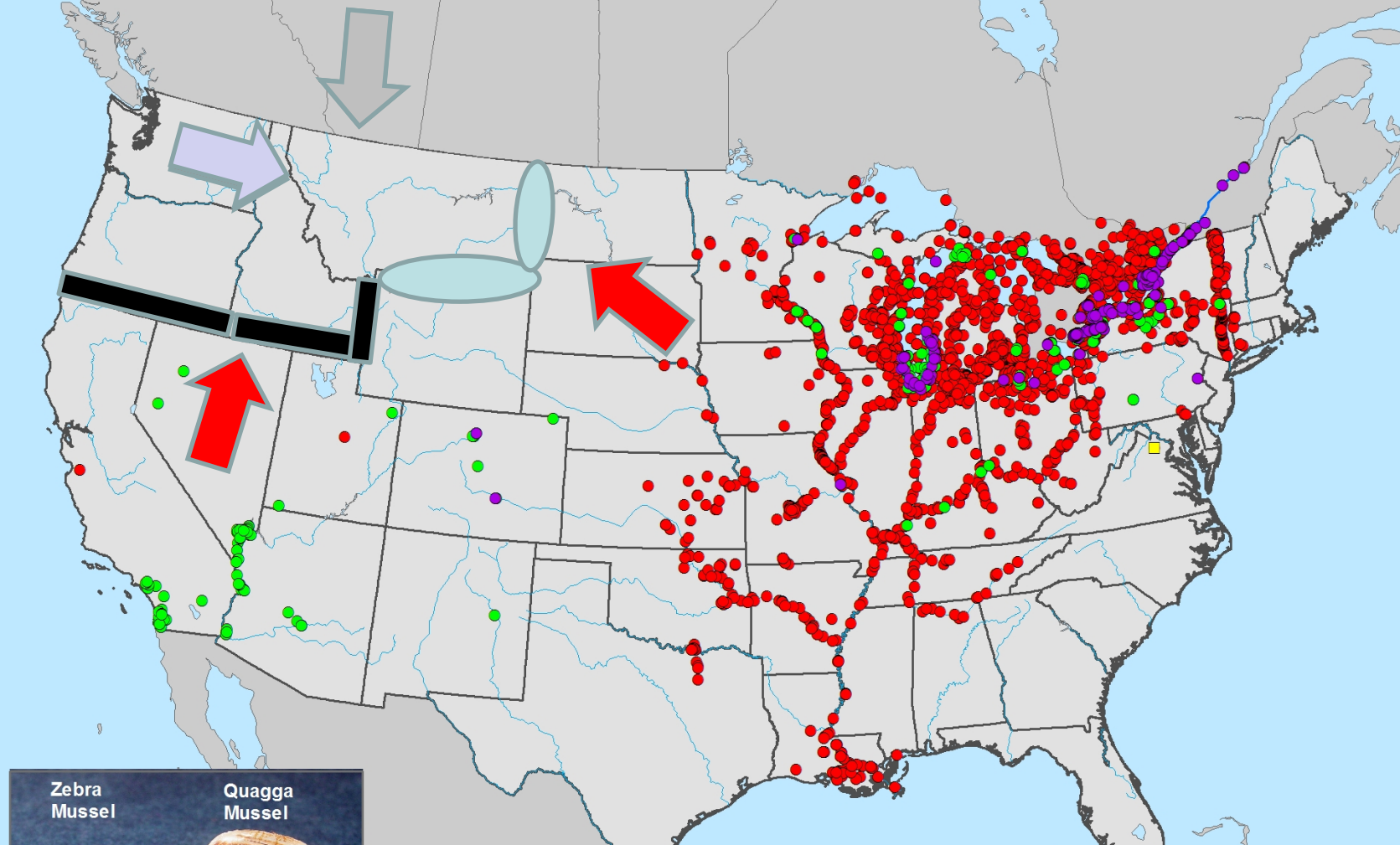
## Cedars Inspection Station 2011

- Where Boaters are From ( ZIP Code )
- Destination Waterbody

Erik Hanson



# Zebra and Quagga Mussel Sightings Distribution *Dreissena polymorpha* and *D. rostriformis bugensis*



- Zebra mussel occurrences
- Quagga mussel occurrences
- Both species occurrences
- Zebra mussels eradicated

Erik Hanson



# Great Lakes AIS



era

na  
i



Gammarus tigrinus  
Echinogammarus ischnus  
Ripistes parasita  
Corbicula fluminea  
Bothriocephalus acheilognathi  
Renibacterium salmoninarum  
Viviparus georgianus  
Echinochloa crusgalli  
Rumex obtusifolius  
Solanum dulcamara  
Alnus glutinosa  
Juncus gerardii  
Hemimysis anomala  
Alosa aestivalis  
Enneacanthus gloriosus

Valvata piscinalis  
Lycopus europaeus  
Marsilea quadrifolia  
Cercopagis pengoi  
Juncus compressus  
Butomus umbellatus  
Apeltes quadracus  
Lophopodella carteri  
Cordylophora caspia  
Craspedacusta sowerbyi  
Aeromonas salmonicida  
Notropis buechanani  
Myosoton aquaticum  
Frangula alnus  
Carassius auratus

Poa trivialis  
Neogobius melanostomus  
Scardinius erythrophthalmus  
Gymnocephalus cernua  
Juncus inflexus  
Petromyzon marinus  
Solidago sempervirens  
Carex disticha  
Lepisosteus platostomus  
Mentha spicata  
Najas marina  
Bythotrephes longimanus  
Nitellopsis obtusa  
Phenacobius mirabilis  
Rhabdovirus carpio

# Watercraft Inspections

## Wyoming

**42,804** inspections on 32 waters from May 21 to September 15  
Coverage estimated by a metric of ramp days.

**Total available ramp days** is the number of ramps multiplied by the number of days in the boating season

Average coverage on the **32** waters was **34.4%** in 2011.

*“Highway check stations would allow more efficient coverage and use of personnel and would increase the likelihood of detecting an infested watercraft entering the state”*

Erik Hanson

# Watercraft Inspections

## *Boat Ramp vs Highway*

Goal: Inspect boaters before they access Montana waters

Coverage comparison example

2 person crew 20 week boating season 5 days

**(100 coverage days)**

	Boat Ramp	Highway
Total Access Days	140	140
# of access points	200	7
Total access days in Basin	28,000	980
<b>Percent coverage by crew</b>	<b>0.4%</b>	<b>10.2%</b>

Erik Hanson

# Watercraft Inspections

## *Internal Inspections*

**Boat Ramp 0.4%**

**Highway 10.2%**

Must Target High Risk Boaters First

Most boaters

boat locally (50 to 90%) LOW RISK

boat on weekends (5 to 7 days to dry) LOW RISK

High Risk Boater

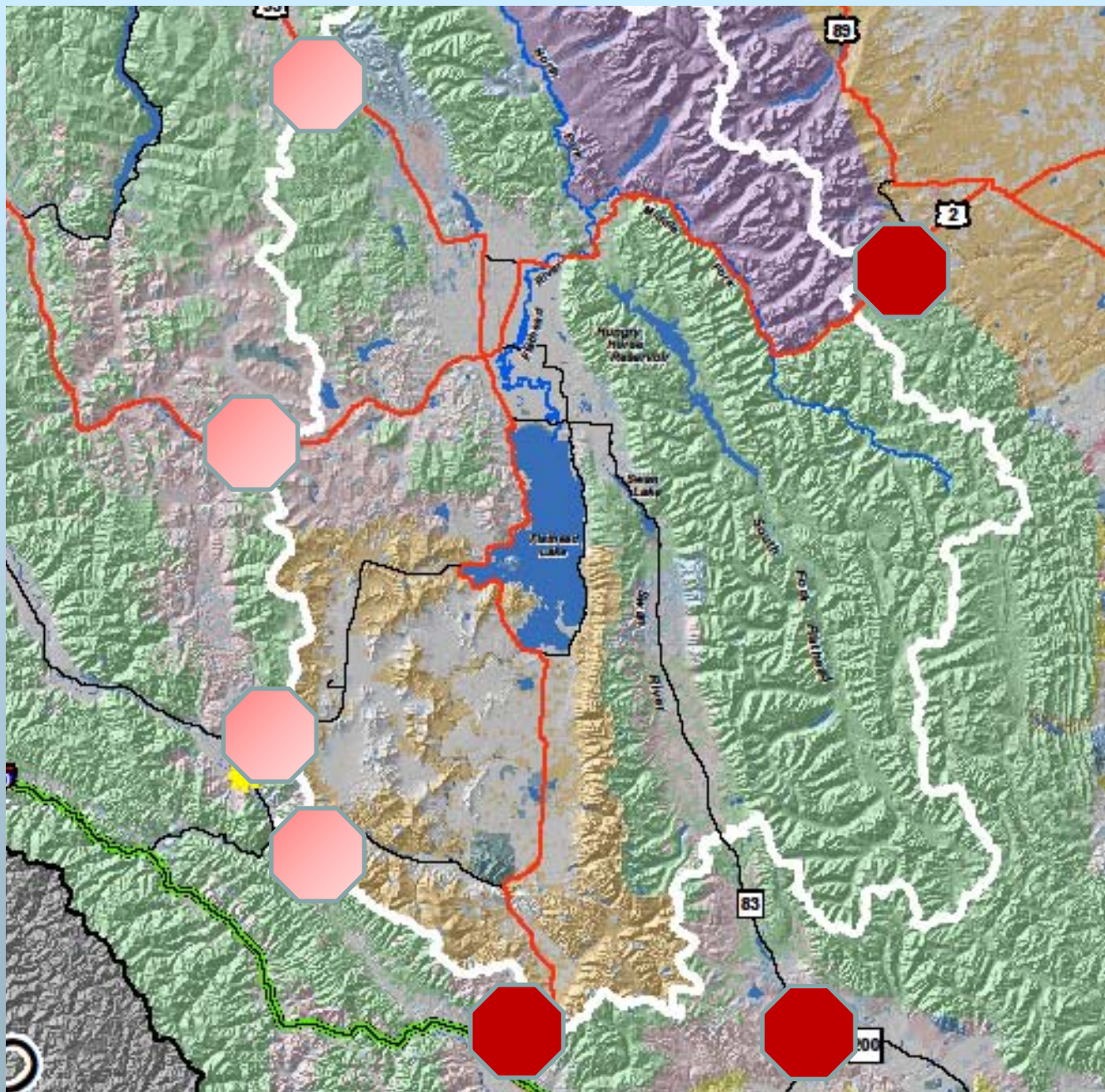
Fishing Tournaments

Fishing Guides

Boaters that move between watershed

Erik Hanson







# Watercraft Inspections

## *Improvements*

- Local supervision
- Quarantine authority
- Clear enforcement protocols/support
- Secret Shopper
- Quick pass/ passport
- Online seasonal pass for locals
- Self-inspection brochures as boat ramps
- Permanent Funding

Erik Hanson